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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/769,551
		Filing Date	January 30, 2004
		First Named Inventor	Steel et al.
		Group Art Unit	3742
		Examiner Name	
Total Number of Pages in This Submission (including this sheet)		Attorney Docket No.	2562.SMII.NP

ENCLOSURES (check all that apply)		
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
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Signature		Date	10/22/04
CERTIFICATE OF MAILING UNDER 37 CFR § 1.8			
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Typed or Printed Name		David W. O'Bryant	
Signature		Date	10/22/04



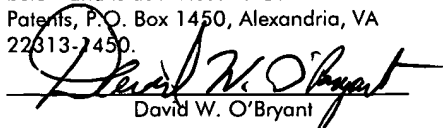
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Steel et al.
SERIAL NO.: 10/769,551
FILING DATE: January 30, 2004
TITLE: OUT-OF-POSITION FRICTION
WELDING OF HIGH MELTING
TEMPERATURE ALLOYS
ART UNIT: 3742
EXAMINER:
DOCKET NO.: 2562.SMII.NP

CERTIFICATE OF MAILING
UNDER 37 C.F.R. § 1.8

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David W. O'Bryant

10/22/04
Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.98(a)(1), enclosed is Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed, pursuant to 37 C.F.R. § 1.97 (b), within three months of the filing date of the application, within three months of the date of entry of the national stage set forth in § 1.491 or before the mailing date of a first Office action on the merits. Applicant requests that the references cited in the enclosed form PTO-1449 be made of record in the above-captioned application. While no representation is made that any of the references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or

patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no reference which is more relevant to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) published in the Official Gazette on August 5, 2003 for U.S. patent applications filed after June 30, 2003, copies of each cited U.S. patent and each U.S. patent application publication are not enclosed. Applicant has submitted copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. § 1.98 (a)(2). Any listed reference that is not in the English language is accompanied by a concise explanation in English of its relevance as required under 37 C.F.R. § 1.98(a)(3)(i).

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0881.

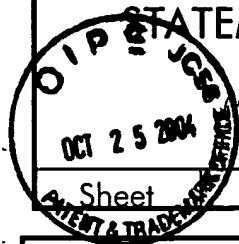
DATED this 22 day of October, 2004.

Respectfully submitted,



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Attorney Docket	2562.SMII.NP

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,144,110	March 13, 1979	Luc	
		US-5,460,317	Oct. 24, 1995	Thomas et al.	
		US-5,611,479	March 18, 1997	Rosen	
		US-5,697,511	Dec. 16, 1997	Bampton	
		US-5,713,507	Feb. 3, 1998	Holt et al.	
		US-5,718,366	Feb. 17, 1998	Colligan	
		US-5,758,999	June 1998	Geise, Samuel C.	
		US-5,769,306	June 23, 1998	Colligan	
		US-5,794,835	August 18, 1998	Colligan et al.	
		US-5,811,755	Sep. 22, 1998	McGee	
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		US-5,975,406	Nov. 2, 1999	Mahoney et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 797 043 A2	Sep. 24, 1997	EP		
		EP 0 810 054 A1	Dec. 3, 1997	EP		
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		EP 0 810 056 A3	Dec. 2, 1998	EP		
		EP 0 833 097 A2	April 1, 1998	EP		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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		Number-Kind Code ² (if known)			
		US-6,045,027	April 4, 2000	Rosen et al.	
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		US-6,050,474	April 18, 2000	Aota et al.	
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		EP 0 968 788 A2	Jan. 5, 2000	EP		
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		EP 1 029 627 A1	August 23, 2000	EP		
		EP 1 046 453 A2	Oct. 25, 2000	EP		
		EP 1 048 390 A2	Nov. 2, 2000	EP		
		EP 1 055 478 A1	Nov. 29, 2000	EP		
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		GB 2 306 366 A	May 7, 1997	GB		
		WO 00/02698	Jan. 20, 2000	EP		
		WO 00/02699	Jan. 20, 2000	US		
		WO 00/02704	Jan. 20, 2000	US		
		WO 00/03818	Jan. 27, 2000	AU		
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		WO 02/100586 A1	Dec. 19, 2002	US		
		WO 93/10935	June 10, 1993	GB		
		WO 97/15462	May 1, 1997	NO		
		WO 97/48517	Dec. 24, 1997	SE		
		WO 98/13167	April 2, 1998	SE		
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		WO 99/32254	July 1, 1999	SE		
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		WO 99/54081	Oct. 28, 1999	GB		
		WO 99/58288	Nov. 18, 1999	US		
		WO 99/65637	Dec. 23, 1999	JP		

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Signature

Date
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